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OM nucleic - nucleic search, using sw model

Run on: June 1, 2003, 16:20:34 ; Search time 279.331 Seconds
(without alignments)
10774.128 Million cell updates/sec

Title: US-09-625-573-1
Perfect score: 2232
Sequence: 1 GGATTGAACAGGACGACATT.....TATAACTATCTTGATAAAG 2232

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 845702 seqs, 674182571 residues
Total number of hits satisfying chosen parameters: 1691404

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications_NA.*
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13: /cgn2.6/ptodata/1/pubpna/US60_NEW_PUB.seq.*
14: /cgn2.6/ptodata/1/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	ID	Description
1	1250.8	56.0	143068	10	US-09-967-768A-316
2	939.4	42.1	1083	10	US-09-131-827A-1
3	937.8	42.0	1083	10	US-09-131-827A-19
4	635.6	28.5	1059	12	US-10-106-623-19
5	632.6	28.3	1056	10	US-09-779-879A-21
6	632.6	28.3	1056	10	US-09-779-880A-21
7	632.6	28.3	1225	10	US-09-813-653-14
8	632.6	28.3	1376	9	US-10-086-814-2
9	632.6	28.3	1376	10	US-09-796-202-2
10	632.6	28.3	1414	9	US-10-232-686-1
11	632.6	28.3	1414	10	US-09-725-285-1
12	632.6	28.3	1414	10	US-09-195-662A-1
13	632.6	28.3	1414	10	US-09-339-912A-1
14	632.6	28.3	1414	10	US-09-502-783A-1
15	632.6	28.3	1477	10	US-09-759-841-1
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17	632.6	28.3	1477	10	US-09-939-226-2
18	632.6	28.3	1477	10	US-09-938-703-2
19	632.6	28.3	3383	9	US-09-734-221A-13

20	632.6	28.3	3383	12	US-10-106-623-1	Sequence 1, Appl
21	631	28.3	1225	10	US-09-813-653-16	Sequence 16, Appl
22	629.4	28.2	1414	10	US-09-779-879A-1	Sequence 1, Appl
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24	612.6	27.4	1442	10	US-09-938-719-3	Sequence 3, Appl
25	612.6	27.4	1442	10	US-09-939-226-3	Sequence 3, Appl
26	612.6	27.4	1442	10	US-09-938-703-3	Sequence 3, Appl
27	376	16.8	792	10	US-09-938-719-1	Sequence 1, Appl
28	376	16.8	792	10	US-09-939-226-1	Sequence 1, Appl
29	376	16.8	792	10	US-09-938-703-1	Sequence 1, Appl
30	323.4	14.5	1065	9	US-09-922-895-2	Sequence 2, Appl
31	323.4	14.5	1689	10	US-09-931-381A-15	Sequence 15, Appl
32	323.4	14.5	1717	10	US-09-964-824A-100	Sequence 100, App
33	323.4	14.5	1915	12	US-10-106-623-3	Sequence 3, Appl
34	323.4	14.5	2426	9	US-10-001-835-29	Sequence 29, Appl
35	288.4	12.9	1607	9	US-10-120-394-19	Sequence 19, Appl
36	288.4	12.9	1607	9	US-09-764-413-19	Sequence 19, Appl
37	288.4	12.9	1677	10	US-09-837-446-1	Sequence 1, Appl
38	272.8	12.2	1318	10	US-09-917-800A-1445	Sequence 1445, Ap
39	265.6	11.9	1487	10	US-09-789-482-3	Sequence 3, Appl
40	265.6	11.9	1487	10	US-09-789-486-3	Sequence 3, Appl
41	264	11.8	3100	10	US-09-954-456-267	Sequence 267, App
42	264	11.8	3100	10	US-09-954-456-945	Sequence 945, App
43	264	11.8	3100	10	US-09-954-456-1588	Sequence 1588, Ap
44	250.4	11.2	1586	10	US-09-104-792-1	Sequence 1, Appl
45	176	7.9	1050	10	US-09-912-025-1	Sequence 1, Appl

ALIGNMENTS

RESULT 1
US-09-967-768A-316
; Sequence 316, Application US/09967768A
; Patent No. US20020150877A1
; GENERAL INFORMATION:
; APPLICANT: Augustus, Meena
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Si
; TITLE OF INVENTION: Sets
; FILE REFERENCE: 689290-72
; CURRENT APPLICATION NUMBER: US/09/967,768A
; CURRENT FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: US/60/236,109
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236,034
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236,111
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 325
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 316
; LENGTH: 143068
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-967-768A-316

Query Match	56.0%;	Score	1250.8;	DB	10;	Length	143068;
Best Local Similarity	99.8%;	Pred. No.	0;				
Matches	1252;	Conservative	0;	Mismatches	2;	Indels	0;
Gaps	0;						
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Qy	1039	GGTCCAGGAGTGAGACAGGAAAGAAATGTGAAGTGACTACACAGGACTCTTCATGTGT	1098				
Db	48313	GGTCCAGGAGTGAGACAGGAAAGAAATGTGAAGTGACTACACAGGACTCTTCATGTGT	48372				
Qy	1099	CGTGAAGAAAGAAAGTCAATTCGACAGCCCTGAGCCAGTCTTCAGACAAAGAAAGA	1158				
Db	48373	CGTGAAGAAAGAAAGTCAATTCGACAGCCCTGAGCCAGTCTTCAGACAAAGAAAGA	48432				
Qy	1159	GCCTAGACACAGAAATGACAGATCTCTGCTTTGGAAATACACAGTCTGCTTCACAGATG	1218				

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Db 48493 TGTGATTCACAGTGTGAATCTTGTGTCTAGCTTACACGAGGAGGAGCTGAGAGGAGAG 48552
QY 1279 AGACTCAGCTGGGTTGGAAACAGTATTTTCCAACTACCTTCCAGTTCCTCATTTTG 1338
Db 48553 AGACTCAGCTGGGTTGGAAACAGTATTTTCCAACTACCTTCCAGTTCCTCATTTTG 48612
QY 1339 AATACAGGCATAGAGTTCAGACTTTTTTAAATAGTAAATAAATAAATTAAGCTGAAAC 1398
Db 48613 AATACAGGCATAGAGTTCAGACTTTTTTAAATAGTAAATAAATAAATTAAGCTGAAAC 48672
QY 1399 TGCACCTGTAATGTGTAAGAGTTAGTTGAGTTGCTATCATGTCAACAGCTGAAAT 1458
Db 48673 TGCACCTGTAATGTGTAAGAGTTAGTTGAGTTGCTATCATGTCAACAGCTGAAAT 48732
QY 1459 GCTGTATTAGTCACAGATAATCTAGCTTTAGCTTAAAGAAATTTTGGCAGGTGGTAT 1518
Db 48733 GCTGTATTAGTCACAGATAATCTAGCTTTAGCTTAAAGAAATTTTGGCAGGTGGTAT 48792
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Db 48853 ATCTGGGACCATATGAGCTATGTCATGACGATCATTAAGTAATGATGCTTGAATCA 48912
QY 1639 CAGTATACGCTCCATCGCTGATCTCAGCTGATCGATCCATCTCTCAGGCTTGCGCCA 1698
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QY 1699 AAAGCCTTTTGTGTTTGTATCATTAATGAAGTATGCTGCTTAAATCAGATTCGAGT 1758
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QY 1759 GTTTCAGTGTCTCGCAGATGCTTGTGCTCATATTTGCTTCCATATTTGCCAGTGGAA 1818
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Db 49093 CTCCTAAATCAATTTGGCTTTCTAATCAAGCTTTTAAACCCCTATTGGTAAAGATGGAAG 49152
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Db 49153 GTGAGAGAGCTCCCTGAAGTAAGCAAGACTTTCCTTAGTCGAGCCCAAGTTAAGAATG 49212
QY 1939 TTTTATGTTGCCAGTGTGTTCTGATCTGATGCAAGCAAGAACTTGGCTTCTAGA 1998
Db 49213 TTTTATGTTGCCAGTGTGTTCTGATCTGATGCAAGCAAGAACTTGGCTTCTAGA 49272
QY 1999 ACCAGGCAACTTGGGAAGTCCCAAGCTGAGTATGGCTTACCTTACCTTACGAGCAAT 2058
Db 49273 ACCAGGCAACTTGGGAAGTCCCAAGCTGAGTATGGCTTACCTTACGAGCAAT 49332
QY 2059 GGCTAAAGAGGTTTCAGAAAGAGTGGGACAGAGCAAGACTTTCACCTTCATATATT 2118
Db 49333 GGCTAAAGAGGTTTCAGAAAGAGTGGGACAGAGCAAGACTTTCACCTTCATATATT 49392
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Db 49393 GTATGATCCCAATGCAATGCAATGTTAAGTTGATGGTGAATGAAATGAAATGCTT 49452
QY 2179 TTTTAACTATCATTTGGAAATTAATCAATGCTATATGCTTATGATGATAAAG 2232
Db 49453 TTTTAACTATCATTTGGAAATTAATCAATGCTATATGCTTATGATGATAAAG 49506
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RESULT 2

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US-09-131-827A-1
; Sequence 1, Application US/09131827A
; Patent No. US20020038469A1
; GENERAL INFORMATION:
; APPLICANT: Dean, Michael
; APPLICANT: O'Brien, Stephen J.
; APPLICANT: Smith, Michael
; APPLICANT: Carrington, Mary
; TITLE OF INVENTION: DELAYED PROGRESSION TO AIDS BY A
; FILE OF INVENTION: MISSENSE ALLELE OF THE CCR2 GENE
; FILE REFERENCE: 14014.0333
; CURRENT APPLICATION NUMBER: US/09/131,827A
; PRIOR FILING DATE: 1998-08-10
; PRIOR APPLICATION NUMBER: 60/055,659
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 1083
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)...(1080)
US-09-131-827A-1
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Query Match 42.1%; Score 939.4; DB 10; Length 1083;
Best Local Similarity 99.9%; Pred. No. 2.4e-260;
Matches 940; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 40 ATGCTGTCCACATCTCGTTCCTCGGTTTATCAGAAATACCAACGAGAGCGGTGAAGATC 99
Db 1 ATGCTGTCCACATCTCGTTCCTCGGTTTATCAGAAATACCAACGAGAGCGGTGAAGATC 60
QY 100 ACCACCTTTTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 159
Db 61 ACCACCTTTTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 120
QY 160 GGGCCCAACCTCCGCTCCGCTCTACGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 219
Db 121 GGGCCCAACCTCCGCTCCGCTCTACGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 180
QY 220 ATGCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 279
Db 181 ATGCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 240
QY 280 CTGCTCAACCTGGCCATCTCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 339
Db 241 CTGCTCAACCTGGCCATCTCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 300
QY 340 TCTGCTGCAATGAGTGGGCTTTTGGGAATGCAATGTGCAATGCAATGCAATGCAATGCAAT 399
Db 301 TCTGCTGCAATGAGTGGGCTTTTGGGAATGCAATGTGCAATGCAATGCAATGCAATGCAAT 360
QY 400 CACATCGGTTATTTTGGGGAATCTTCTTCATCATCTCTCTGACAAATCGATAGATACCTG 459
Db 361 CACATCGGTTATTTTGGGGAATCTTCTTCATCATCTCTCTGACAAATCGATAGATACCTG 420
QY 460 GCTATTGTCATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 519
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QY 520 AGTGTGATCACCTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 579
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QY 820 ATTGTCATCTTCTGAGACACCTTCCAGGAATCTTCCGCTGAGTAACTGTGAAGACCC 879
Db 781 ATTGTCATCTTCTGAGACACCTTCCAGGAATCTTCCGCTGAGTAACTGTGAAGACCC 840
QY 880 AGTCAACTGGACCAAGCCACGAGTACAGAGACTCTTGGGATGACTCACTGTGTCATC 939
Db 841 AGTCAACTGGACCAAGCCACGAGTACAGAGACTCTTGGGATGACTCACTGTGTCATC 900
QY 940 AATCCCATCATCTATGCTTCTGTTGGGAGAGATTCAGAAG 980
Db 901 AATCCCATCATCTATGCTTCTGTTGGGAGAGATTCAGAAG 941

RESULT 3

US-09-131-827A-19
; Sequence 19, Application US/09131827A
; Patent No. US20020038469A1

GENERAL INFORMATION:

; APPLICANT: Dean, Michael
; APPLICANT: O'Brien, Stephen J.
; APPLICANT: Smith, Michael
; TITLE OF INVENTION: DELAYED PROGRESSION TO AIDS BY A
; FILE REFERENCE: 14014.0333
; CURRENT APPLICATION NUMBER: US/09/131,827A
; CURRENT FILING DATE: 1998-08-10
; PRIOR APPLICATION NUMBER: 60/055,659
; PRIOR FILING DATE: 1997-08-14
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 1083
; TYPE: DNA
; ORGANISM: Homo sapiens

US-09-131-827A-19

Query Match 42.0%; Score 937.8; DB 10; Length 1083;
Best Local Similarity 99.8%; Pred. No. 7.1e-260;
Matches 939; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 40 ATGCTGTCCACATCTCGTCTTCAACCATCATGATGTTTACTTTCTTCTTCTGAGCCTTATAAC 99
Db 1 ATGCTGTCCACATCTCGTCTTCAACCATCATGATGTTTACTTTCTTCTTCTGAGCCTTATAAT 60
QY 100 ACCACCTTTTGTGATTAATGATTAATGATTAATGATTAATGATTAATGATTAATGATTAAT 159
Db 61 ACCACCTTTTGTGATTAATGATTAATGATTAATGATTAATGATTAATGATTAATGATTAAT 120
QY 160 GGGGCCCAACTCCCTCGCTCTACTCGCTGTGTTGATCACTTTGTTGTTGTTGTTGTTGTTGTT 219
Db 121 GGGGCCCAACTCCCTCGCTCTACTCGCTGTGTTGATCACTTTGTTGTTGTTGTTGTTGTTGTT 180
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Db 181 ATGCTGTGTCGTCATCTTCAACCATCATGATGTTTACTTTCTTCTTCTTCTGAGCCTTATAAT 240
QY 280 CTGCTCAACCTGGGCACTCTGATCTGCTTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 339
Db 241 CTGCTCAACCTGGGCACTCTGATCTGCTTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 300
QY 340 TCTGCTGCAATGAGTGGGTCTTTGGGATGCAATGTCGAATTAATTCACAGGGCTGTAT 399
Db 301 TCTGCTGCAATGAGTGGGTCTTTGGGATGCAATGTCGAATTAATTCACAGGGCTGTAT 360

QY 400 CACATCGGTTATTTTGGCGGAATCTTCTTCAATCATCTCTCTCAATCATGATAGTACCTG 459
Db 361 CACATCGGTTATTTTGGCGGAATCTTCTTCAATCATCTCTCTCAATCATGATAGTACCTG 420
QY 460 GCTATTGTCATCTGCTGTTTCTTAAAGCCAGAGAGGTCACCTTTGGGCTGTGACA 519
Db 421 GCTATTGTCATCTGCTGTTTCTTAAAGCCAGAGAGGTCACCTTTGGGCTGTGACA 480
QY 520 AGTGTGATCACTGCTGTTGCTGTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 579
Db 481 AGTGTGATCACTGCTGTTGCTGTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 540
QY 580 TCCGAGAAAGAGATCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 639
Db 541 TCCGAGAAAGAGATCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 600
QY 640 TTCCACACAATTAATGAGGAACATTTTGGGCTGTGCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 699
Db 601 TTCCACACAATTAATGAGGAACATTTTGGGCTGTGCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 660
QY 700 TGTACTCGGGAATCCTGGAACCCCTGCTTCTGCTGTCGAACAGAGAGAGGATAGG 759
Db 661 TGTACTCGGGAATCCTGGAACCCCTGCTTCTGCTGTCGAACAGAGAGAGGATAGG 720
QY 760 GCAGTGAGAGTCATCTTCAACCATCATGATGTTTACTTTCTTCTTCTTCTTCTTCTTCTTCTTCT 819
Db 721 GCAGTGAGAGTCATCTTCAACCATCATGATGTTTACTTTCTTCTTCTTCTTCTTCTTCTTCTTCT 780
QY 820 ATTGTCATCTTCTGAGACACCTTCCAGGAATCTTCCGCTGAGTAACTGTGAAGACCC 879
Db 781 ATTGTCATCTTCTGAGACACCTTCCAGGAATCTTCCGCTGAGTAACTGTGAAGACCC 840
QY 880 AGTCAACTGGACCAAGCCACGAGTACAGAGACTCTTGGGATGACTCACTGTGTCATC 939
Db 841 AGTCAACTGGACCAAGCCACGAGTACAGAGACTCTTGGGATGACTCACTGTGTCATC 900
QY 940 AATCCCATCATCTATGCTTCTGTTGGGAGAGATTCAGAAG 980
Db 901 AATCCCATCATCTATGCTTCTGTTGGGAGAGATTCAGAAG 941

RESULT 4

US-10-106-623-19
; Sequence 19, Application US/10106623
; Patent No. US20020150888A1

GENERAL INFORMATION:

; APPLICANT: Gray, Patrick W.
; APPLICANT: Schweickart, Vicki L.
; APPLICANT: Report, Carol J.
; TITLE OF INVENTION: Chemokine Receptor Materials and Methods
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/106,623
FILING DATE: 26-Mar-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/771,276
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: No. US20020150888A1and, Greta E.

Query Match	28.5%	Score	635.6	DB	12	Length	1059
Best Local Similarity	83.5%	Pred.	No. 1.2e-172				
Matches	738	Conservative	0	Mismatches	134	Indels	12
QY	110	TTGATTATGATTACGGTCTCCCTGTCATAAATTGACGTGAAGCAAAATTGGGGCCCAAC	169				
Db							
Db	35	TCGATTATATACATCGGAACCCCTGGCCAAAATAAATGTGAACAAAATCGCAGCCCGC	94				
QY	170	TCTGCGCTCGCGCTACTCGCTGGTGTTCATCTTTGGTTTGTGGGCAACATGCTGGTGC	229				
Db	95	TCCTGCTCGCGCTACTCACTGGTTCATCTTTGGTTTGTGGCAACATCATGGTGC	154				
QY	230	TCTCATCTTAATAAAGCTGAAAAGCTGAAGTGGTGTGACTGACATTTACCTGCTCAACC	289				
Db	155	TCTCATCTGTATAAGCTGAAAAGGCTGAAGCATGACTGACATCTACCTGCTCAACC	214				
QY	290	TGCCATCTCTGATCTCTTTTCTTATTAATCTCTCCCAATCTGGGCTCACTCTGCTGCA	349				
Db	215	TGCCATCTCTGACCTGCTTTTCTTACTGTCTCCCTCTGGGCTCACTATGCTGTG	274				
QY	350	ATGAGTGGGTCTTTGGGAATGAATGCAAAATTAATTCACAGGCTGTATCACATCGGTT	409				
Db	275	CCGAGTGGGACTTTGGAAATACAATGTGCAACTCTTGACAGGCTCTATTTATAGCT	334				
QY	410	ATTTGGCGGAATCTTTTCATCATCTCTGACAAATCGCAATCTGATAGATACCTGGCTAT	469				
Db	335	TCTTCTCTGGAATCTTCTTCATCATCTCTGACATCGATAGTACTGGCTATGCTGC	394				
QY	470	ATGCTGTGTTGCTTTAAAGCCAGGAGGTCACTTTGGGGTGGTGACAACTGTATCA	529				
Db	395	ATGCTGTGTTGCTTTAAAGCCAGGACAGTCACTTTGGGGTGGTGACAACTGTATCA	454				
QY	530	CTGGTTGGTGGCTGTGTTGCTCTGCTCCAGGAATCATCTTTACTAAATGCCAAG	589				
Db	455	CTTGGGTGGTGGCTGTGTTGCTCTCTCCAGGAATCATCTTTACAGATCTCAGAG	514				
QY	590	AAGATCTGTTTATGCTGTGGCCCTTATTTTCCA-----CGAGGATGGAATA	637				
Db	515	AAGTCTTCAATACACCTGCAGCTCTCAATTTCCATACAGTCAGTCAATCTGGAGA	574				
QY	638	ATTTCCACACAATAATGAGGAACATTTGGGGCTGGTCTGGCGTGTCAATCATGGTCA	697				
Db	575	ATTTTCAGACATTAAGATGGTCATCTTGGGGCTGGTCTGGCGTGTCTTGTGATGGTCA	634				
QY	698	TCTGCTACTCGGGAATCTGAAAACCCCTGCTTCGGGTGTCGAAACGAGAGAGAGCAT	757				
Db	635	TCTGCTACTCGGGAATCTGAAAACCTGCTTCGGGTGTCGAAACGAGAGAGAGCACA	694				
QY	758	GGGCAGTGAGAGTCATCTTCACCATCATATGTTTACTTTCTCTCTGAGCTCCCTATA	817				
Db	695	GGCTGTGAGGCTTATCTTTCACCATCATATGTTTACTTTCTCTGTTGGTCCCTACA	754				
QY	818	ACATGTTCATCTCCTGAACACCTTCCAGGAATCTTCGGCTGTAGTAACTGTGAAGCA	877				
Db	755	ACATGTCTCTCTGAACACCTTCCAGGAATCTTTGGGCTGAATTAATTCAGTAGCT	814				

	Query Match	28.3%;	Score 632.6;	DB 10;	Length 1056;
	Best Local Similarity	83.4%;	Pred. No. 8.7e-172;		
	Matches 735;	Conservative	0;	Mismatches 134;	Indels 12; Gaps
QY	113	ATTATGATTAACGGTGTCCCTGTCTCAATAATTTGACCTGAAGCAAAATGGGGCCCCAACTCC	172		
Db	38	ATTATTATACATCGGAGCCCTGCCAAAAATCAATGTGAAGCAAAATCGCAGCCCGCCCTCC	97		
QY	173	TGCCCTCGCTCTACTCGCTGCTGTTCATCTTTGGTTTGTGGGCAACATGCTGGTGCCTC	232		
Db	98	TGCTCCGCTCTACTCACTGGTGTTCATCTTTGGTTTGTGGGCAACATGCTGGTGCATCC	157		

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RESULT 7
US-09-813-653-14
Sequence 14, Application US/09813653
Patent No. US2002064770A1
GENERAL INFORMATION:
APPLICANT: Nestor, John
APPLICANT: Wilson, Carol
APPLICANT: See, Raymond
APPLICANT: Tan Hehir, Christina
TITLE OF INVENTION: Binding Compounds and
FILE REFERENCE: CNS-005
CURRENT APPLICATION NUMBER: US/09/813,653
CURRENT FILING DATE: 2001-03-20
PRIORITY APPLICATION NUMBER: US 60/190,946
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: US 60/190,996
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: US 60/191,299
PRIOR FILING DATE: 2000-03-21

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RESULTS

	QY	113	ATTAAGATTACGGTGTCTCCCTGTCATAAAATTTTGACGTGAAGCAAAATTTGGGCCCAACTCC	172
	Dd	277	ATTAATATACATCGGAGCCTGCCAAAATCATGTAAGCAAAATCGCAGCGCCGCCTCC	336
	QY	173	TGCTCGGCTTACTCGTCGGTGTTCATCTTTGGTTTTGTGGCAACAATGCTGGTGCCTCC	232
	Dd	337	TGCTCGGCTTACTCACGTGGTTCATCTTTGGTTTTGTGGCAACAATGCTGGTGCATCC	396
	QY	233	TCATCTTAATAAATCTGCAAAAAGCTGAAGTGTGTGACTGCACATTTACCTGCTCAACCTGG	292
	Dd	397	TCATCTGTATAAATCTGCAAAAAGCTGAAGAGCATGACTGCATCTACCCTGCTCAACCTGG	456
	QY	293	CCATCTCTGATCTGCTTTTCTTTATCTCTCCCATAATGTGGGCTCACTCTCTGCAAAATG	352
	Dd	457	CCAATCTCTGACCTGTGTTTTCTTTACTGTCCCCCTTCTGGGCTCACTATGCTCGCGCC	516
	QY	353	AGTGGCTCTTTGGGAATGCAATGTGCAAATTAATCACAGGCTGTATCACATCGGTATT	412
	Dd	517	AGTGGCACTTTGSAATAACAATGTCTAACCTCTGCAGGGCTCTATTTTAGGCTCTCT	576
	QY	413	TTGGCGGAATCTTCTTCATCATCTCCCTGCACAATCGATAGATACTGGCTATTGTCCATG	472
	Dd	577	TCTCTGGAATCTTCTTCATCATCTCCCTGCACAATCGATAGTAGTCTGGCTGCTGCTCATG	636
	QY	473	CTGTGTTTTCCTTTAAAGCCAGGAGCGTCACCTTTGGGGTGTGCACAAAGTGTGATCACT	532
	Dd	637	CTGTGTTTTCCTTTAAAGCCAGGAGCGTCACCTTTGGGGTGTGCACAAAGTGTGATCACT	696
	QY	533	GCTTGGTGGCTGTGTTTGGCTCTGTCCAGGAATCATCTTTACTTAAATGCCAGAAAGAAG	592
	Dd	697	GGTGGTGGCTGTGTTTGGCTCTGTCCAGGAATCATCTTTACAGATCTCAAAAAAGAAG	756
	QY	593	AFTCTGTTTATGTCTGTGGCCCTTATTTTCCA-----CGAGGATGGAATAATT	640
	Dd	757	GTCTTCAATTACCTGCGAGCTCTCATTTTCCATACAGTCAGTATCAATTTCTGGAGAATT	816
	QY	641	TCCACACAATAATGAGNACAATTTTGGGCTGTCTCCGCTGCTCATCATGGTCACTCT	700
	Dd	817	TCCAGACATTAAGATAGTCACTTTGGGCTGTCTCCGCTGCTGTGTATGGTCACTCT	876
	QY	701	GCTACTCGGGAATCCTGAAAACCTGTCTCGGTGTGAAACGAGAAGAGAGCATAGG	760
	Dd	877	GCTACTCGGGAATCCTAAAAAATCTGCTTCTCGGTGTGAAATGAGAAGAGAGCATAGG	936
	QY	761	CAGTGAGAGTCACTTCCACCATCATGATGTTTACTTTTCTTCTTCTGGAATCCCTATAACA	820
	Dd	937	CTGTGAGGCTTATCTTCCACCATCATGATGTTTATTTTCTTCTTCTGAGTCCCTACAACA	996

Mon Jun '2 09:42:07 2003

QY 641 TCCACACAAATATGAGAACATTTTGGGGCTGCTCCGCTGCTCATCATGCTCATCT 700
DB 817 TCCACACATTAAGATAGTATGTCATCTTGGGGCTGCTCCGCTGCTTGTGTCATGCTCATCT 876
QY 701 GCTACTCGGGAATCTGAAACCCCTGCTTGGTGTGCGAAGAGAGAGAGAGAGAGAG 760
DB 877 GCTACTCGGGAATCTGAAACCCCTGCTTGGTGTGCGAAGAGAGAGAGAGAGAGAG 936
QY 761 CAGTGAGAGTCAATCTTCCACCATCATGATGTTTACTTCTTCTGCTGCTCCCTATAACA 820
DB 937 CTGTGAGGCTTATCTTCCACCATCATGATGTTTACTTCTTCTGCTGCTCCCTATAACA 996
QY 821 TTGTCTTCTCTGAAACCCCTGCTTGGTGTGCGAAGAGAGAGAGAGAGAGAGAGAG 880
DB 997 TTGTCTTCTCTGAAACCCCTGCTTGGTGTGCGAAGAGAGAGAGAGAGAGAGAGAG 1056
QY 881 GTCAACTGGACCAAGCCAGGTCAGAGAGTCTTGGGATGACTCACTGCTGCTATCA 940
DB 1057 ACAGGTTGGACCAAGCTATGCGAGTACAGAGACTCTTGGGATGAGCGCACTGCTGCTATCA 1116
QY 941 ATCCCATCATCTATGCTTGGTGTGCGAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 981
DB 1117 ACCCATCATCTATGCTTGGTGTGCGAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1157

RESULT 10
US-10-232-686-1
; Sequence 1, Application US/10232686
; Publication No. US20030023044A1
; GENERAL INFORMATION:
; APPLICANT: Li, Yi
; APPLICANT: Ruben, Steven M.
; TITLE OF INVENTION: Human G-Protein Chemokine Receptor (CCR5) HDGNR10
; FILE REFERENCE: 1488.115000N
; CURRENT APPLICATION NUMBER: US/10/232,686
; CURRENT FILING DATE: 2002-09-03
; PRIOR APPLICATION NUMBER: 09/339,912
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/195,662
; PRIOR FILING DATE: 1998-11-18
; PRIOR APPLICATION NUMBER: 08/466,343
; PRIOR FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1
; LENGTH: 1414
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (259)..(1314)
US-10-232-686-1

Query Match 28.3%; Score 632.6; DB 9; Length 1414;
Best Local Similarity 83.4%; Pred. No. 1.1e-171;
Matches 735; Conservative 0; Mismatches 134; Indels 12; Gaps 1;
QY 113 ATTATGATTACGGTCTCCCTGTCATATAATTTGACGTGAAGCAAAATTTGGGCCCCAATCC 172
DB 296 ATTATATACATCGGAGCCCTGCCAAAAAATCAATGTGAAGCAAAATCGGAGCCCGCTCC 355
QY 173 TGCCTCCGCTCTACCTGCTGCTGCTCATCTTTGTTTGTGGCAACATGCTGCTGCTCC 232
DB 356 TGCCTCCGCTCTACCTGCTGCTGCTCATCTTTGTTTGTGGCAACATGCTGCTGCTCC 415
QY 233 TCATCTTAATAAAGTCAAAAGCTGAAGTGTGTGACTGACATTTACCTGCTCAACCTGG 292
DB 416 TCATCTGATTAAGTCAAAAGCTGAAGTGTGTGACTGACATTTACCTGCTCAACCTGG 475
QY 293 CCATCTGATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 352
DB 476 CCATCTGATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 535

QY 821 TTGTCTTCTCTGAAACCCCTGCTTGGTGTGCGAAGAGAGAGAGAGAGAGAGAGAG 880
DB 997 TTGTCTTCTCTGAAACCCCTGCTTGGTGTGCGAAGAGAGAGAGAGAGAGAGAGAG 1056
QY 881 GTCAACTGGACCAAGCCAGGTCAGAGAGTCTTGGGATGACTCACTGCTGCTATCA 940
DB 1057 ACAGGTTGGACCAAGCTATGCGAGTACAGAGACTCTTGGGATGAGCGCACTGCTGCTATCA 1116
QY 941 ATCCCATCATCTATGCTTGGTGTGCGAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 981
DB 1117 ACCCATCATCTATGCTTGGTGTGCGAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1157

RESULT 9
US-09-796-202-2
; Sequence 2, Application US/09796202
; Patent No. US20020068813A1
; GENERAL INFORMATION:
; APPLICANT: Draglic, Tatjana
; APPLICANT: Olsson, William
; TITLE OF INVENTION: SULFATED CCR5 PEPTIDES FOR HIV-1 INFECTION
; FILE REFERENCE: 2048/61010/JPW/SRS
; CURRENT APPLICATION NUMBER: US/09/796,202
; CURRENT FILING DATE: 2001-02-28
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 2
; LENGTH: 1376
; TYPE: DNA
; ORGANISM: human
US-09-796-202-2

Query Match 28.3%; Score 632.6; DB 10; Length 1376;
Best Local Similarity 83.4%; Pred. No. 1e-171;
Matches 735; Conservative 0; Mismatches 134; Indels 12; Gaps 1;
QY 113 ATTATGATTACGGTCTCCCTGTCATATAATTTGACGTGAAGCAAAATTTGGGCCCCAATCC 172
DB 277 ATTATATACATCGGAGCCCTGCCAAAAAATCAATGTGAAGCAAAATCGGAGCCCGCTCC 336
QY 173 TGCCTCCGCTCTACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 232
DB 337 TGCCTCCGCTCTACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 396
QY 233 TCATCTTAATAAAGTCAAAAGCTGAAGTGTGTGACTGACATTTACCTGCTCAACCTGG 292
DB 397 TCATCTGATTAAGTCAAAAGCTGAAGTGTGTGACTGACATTTACCTGCTCAACCTGG 456
QY 293 CCATCTGATCTGCTTCTTCTTATCTCTCCCAATGTCGCTCACTCTGCTCAAAATG 352
DB 457 CCATCTGATCTGCTTCTTCTTATCTCTCCCAATGTCGCTCACTCTGCTCAAAATG 516
QY 353 AGTGGGCTTTTGGGAATGCAATGTGCAAAATTTATTCACAGGCTGTATACATGCTGCTTAT 412
DB 517 AGTGGGCTTTTGGGAATGCAATGTGCAAAATTTATTCACAGGCTGTATACATGCTGCTTAT 576
QY 413 TTGGCGGAATCTTCTTCAATCTCTGCAAAATGTCGCTCACTGCTGCTGCTGCTGCTGCTGCTGCT 472
DB 577 TCTCTGGAATCTTCTTCAATCTCTGCAAAATGTCGCTCACTGCTGCTGCTGCTGCTGCTGCTGCT 636
QY 473 CTGTGCTTTTGGGAATGCAATGTGCAAAATTTATTCACAGGCTGTATACATGCTGCTTAT 532
DB 637 CTGTGCTTTTGGGAATGCAATGTGCAAAATTTATTCACAGGCTGTATACATGCTGCTTAT 696
QY 533 GGTGGTGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 592
DB 697 GGTGGTGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 756
QY 593 ATTCTGTTTATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 640
DB 757 GTCTTCATACACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 816

QY	353	AGTGGGCTTTTGGGAATGCAATGTGCAAAATTAATCACAGGCTGTATCACATCGGTTAT	412
Db	536	AGTGGGACTTTGGAAATACAAATGTCACACTCTTCACAGGCTCTATTTATATAGCCTCT	595
QY	413	TTGGCGGAATCTTCTTCATCATCTCTGTGACAATCGATAGATACCTGGCTATTTGCCATG	472
Db	596	CTCTTGGAAATCTTCTTCATCATCTCTGTGACAATCGATAGTACCTGGCTCTGCTCCATG	655
QY	473	CTGTGTTTGGCTTTAAAGCCAGGACGCTACCTTTTGGGGTGGTGACAAAGTGTGATCACT	532
Db	656	CTGTGTTTGGCTTTAAAGCCAGGACGCTACCTTTTGGGGTGGTGACAAAGTGTGATCACT	715
QY	533	GGTTGGTGGCTGTGTGTTGCTTCTGCCAGGAATCATCTTTACTAAATGCCAGAAAGAAG	592
Db	716	GGTGGTGGCTGTGTGTTGCTCTCTCCAGGAATCATCTTTACCAGATCTCAAAAGAAG	775
QY	593	ATTCTCTTTATGTCCTGGGCCCTTATTTTCCA-----CGAGGATGGAAATAT	640
Db	776	GTCTTCATTACACCTCGAGCTCTCATTTTCCATACAGTCAGTATCAATTTCTGGAAGAAT	835
QY	641	TCACACAATAATGAGGAACATTTTGGGGTGGTCTGCGCGTCTCATCATCATGTCATCT	700
Db	836	TCACAGACATTAAGATAGTCACTTGGGGCTGCTCTGCGCGTCTGTCATGGTCACT	895
QY	701	GCTACTCGGGAATCCTGAAAACCCCTCTTCGGTGTGCGAACAGAGAAGAGCATAGGG	760
Db	896	GCTACTCGGGAATCCTTAAAACTCTCTTCGGTGTGCGAAATGAGAAGAGCACAGGG	955
QY	761	CAGTGAGAGTCACTTTCAACATCATGTTTACTTTCTCTCGACTCCCTATAACA	820
Db	956	CTGTGAGGCTTATCTTACCATCATGATGTTTATTTTTCTCTCTCGGGTCCCTCAACA	1015
QY	821	TTGTCAATCTCTGAAACCTTCCAGGAATCTTCGGCTGAGTAACTGTGAAGACCA	880
Db	1016	TTGTCTTCTCTGAAACCTTCCAGGAATCTTTGGCTGAATAATTCAGTAGTCTTA	1075
QY	881	GTCAACTGGACCAAGCCAGGAGTGACAGACACTCTTGGGATGACTCACTGCTGATCA	940
Db	1076	ACAGTTTGGACCAAGCTATGAGGTGACAGACACTCTTGGGATGAGCACTGCTGATCA	1135
QY	941	ATCCCATCATCTATGCCCTTCTGTTGGGAGAAGTTCAGAAGC	981
Db	1136	ACCCATCATCTATGCCCTTCTGTTGGGAGAAGTTCAGAAGC	1176

RESULT 11

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US-09-725-285-1
: Sequence 1, Application US/09725285
: Patent No. US2001000241A1
: GENERAL INFORMATION:
: APPLICANT: Li, Yi
: APPLICANT: Ruben, Steven, M.
: TITLE OF INVENTION: Antibodies to Human G-Protein Chemokine Receptor HDGNR10
: TITLE OF INVENTION: (CCR5 Receptor)
: FILE REFERENCE: 1488.1150003
: CURRENT APPLICATION NUMBER: US/09/725,285
: CURRENT FILING DATE: 2000-11-29
: PRIOR APPLICATION NUMBER: 09/339,912
: PRIOR FILING DATE: 1999-06-25
: PRIOR APPLICATION NUMBER: 09/195,662
: PRIOR FILING DATE: 1998-11-18
: PRIOR APPLICATION NUMBER: 08/466,343
: PRIOR FILING DATE: 1995-06-06
: NUMBER OF SEQ ID NOS: 9
: SOFTWARE: PatentIn version 3.0
: SEQ ID NO 1
: LENGTH: 1414
: TYPE: DNA
: ORGANISM: Artificial Sequence: Genomic
: FEATURE:
: NAME/KEY: CDS
: LOCATION: (259)..(1314)
: OTHER INFORMATION: Description of Artificial Sequence: Genomic

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Mon Jun 2 09:42:07 2003

; NAME/KEY: misc_feature
; LOCATION: 1377, 1384, 1385
; OTHER INFORMATION: n is a or g or c or t/u
US-09-759-841-1

Query Match		28.3%	Score 632.6;	DB 10;	Length 1477;
Best Local Similarity		83.4%	Pred. No. 1.1e-171;		
Matches 735;		Conservative 0;	Mismatches 134;	Indels 12;	Gaps 1;
QY	113	ATTATGATACGGTCTCCCTGCTCATAAATTTGAGTGAAGCAAAATTTGGGGCCCAACTCC	172		
Db	277	ATTATATACATCGGAGCCCTCCCAAAATCAATGTGAGCAAAATCGAGCCCGCTCC	336		
QY	173	TGCTCCCGCTCTACCTGGTGTTCATCTTTGGTTTGTGGGCAACATGCTGGTGGTCC	232		
Db	337	TGCTCCCGCTCTACCTGGTGTTCATCTTTGGTTTGTGGGCAACATGCTGGTGGTCC	396		
QY	233	TGATCTTAATACTGCAAAAGCTGAAGTGTGACTGACATTTACCTGCTCAACTGG	292		
Db	397	TGATCTTAATACTGCAAAAGCTGAAGTGTGACTGACATTTACCTGCTCAACTGG	456		
QY	293	CGATCTGATCTGCTTTTCTTATTACTCTCCATTGTTGGGCTCACTCTGCTGCAAAATG	352		
Db	457	CGATCTGATCTGCTTTTCTTATTACTCTCCATTGTTGGGCTCACTCTGCTGCAAAATG	516		
QY	353	AGTGGTCTTTGGGAATGCAATGTGCAAAATTAATCAAGGCTGTATCATCGGTTATT	412		
Db	517	AGTGGGACTTTGGAAATACAATGTCAACTCTTGACAGGGCTCTATTTATAGGCTTCT	576		
QY	413	TTGGGGGAATCTTCTTCATCATCTCCTGCAATCGATAGATACCTGGCTATTGTGCATG	472		
Db	577	TTCTGGGAATCTTCTTCATCATCTCCTGCAATCGATAGATACCTGGCTATTGTGCATG	636		
QY	473	CTGCTGTTTGTAAAGCCAGGACGCTCACCTTTGGGGTGTGACAAAGTGTGATCACT	532		
Db	637	CTGCTGTTTGTAAAGCCAGGACGCTCACCTTTGGGGTGTGACAAAGTGTGATCACT	696		
QY	533	GGTGGTGGTGTGTTGCTGTGCTCCAGGAATCATCTTTACTAAATGCCAAGAAAG	592		
Db	697	GGTGGTGGTGTGTTGCTGTGCTCCAGGAATCATCTTTACTAAATGCCAAGAAAG	756		
QY	593	ATTCTGTTTATGCTGTGGCCCTTATTTCCTCA-----CGAGGATGGAATAATT	640		
Db	757	GTCTTCATTACCTGGAGCTCTCATTTTCCATACAGTCAGTATCAATTTGGGAAGATT	816		
QY	641	TCCACACAATAATGAGGAACATTTGGGGTGTGCTCCGCTGCTCATCATGCTCATCT	700		
Db	817	TCCAGACATTAAGATAGTCACTTTGGGGTGTGCTCCGCTGCTCATCATGCTCATCT	876		
QY	701	GCTACTCGGAATCTGAAACCCCTGCTCGGTGTCGAAGGAGGAAGGAGGATAGGG	760		
Db	877	GCTACTCGGAATCTGAAACCCCTGCTCGGTGTCGAAGGAGGAAGGAGGAGGATAGGG	936		
QY	761	CAGTGAGAGTCACTCTCACCATCATGATTTGTTTACTTTCTCTTGGACTCCCTATAACA	820		
Db	937	CTGTGAGGCTTATCTTCAACATCATGATTTGTTTACTTTCTCTTGGACTCCCTATAACA	996		
QY	821	TTGTCATTCCTGAAACACCTTCAGGAATTTCTCGGCTGAGTAACTGTGAAAGACCA	880		
Db	997	TTGTCCTCTCTGAAACACCTTCAGGAATTTCTCGGCTGAGTAACTGTGAAAGACCA	1056		
QY	881	GTCAACTGGACCAAGCCAGGTCAGAGACTTTGGGATGACTCACTGCTGCTCATCA	940		
Db	1057	ACAGGTGGACCAAGCTATGAGGTCAGAGACTCTTGGATGACGCACTGCTGCTCATCA	1116		
QY	941	ATCCCATCATCTATGCTTCTGTTGGGAGAAAGTTTCAGAAAGC	981		
Db	1117	ACCCCATCATCTATGCTTCTGTCGGGAGAAAGTTTCAGAAAC	1157		

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Job time : 435.331 secs

